

09/752957
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 15:04:31 ON 01 JUL 2003

L1 105 S BIOTIN (2W) SYNTHASE
L2 2 S L1 AND INTEGRAT?
L3 9 S L1 AND REVIEW/DT
L4 9 S L1 AND YEAST

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

AN 2003:435228 CAPLUS

TI Yeast with high biotin productivity and the preparation method thereof
IN Shiuan, David

SO U.S. Pat. Appl. Publ., 20 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 2003104584	A1	20030605	US 2001-752957	20010102
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PRAI TW 2000-89120972	A	20001007		
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L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 2001:817227 CAPLUS

TI Cloning, sequences and recombinant expression of plant biotin
synthases

IN Allen, Stephen M.; Kinney, Anthony J.; Miao, Guo-hua; Orozco, Emil M.
PA USA

SO U.S. Pat. Appl. Publ., 46 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 2001039042	A1	20011108	US 2000-740288	20001219
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PRAI US 1999-172929P	P	19991221		
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L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 2001:320128 CAPLUS

TI Recombinant Escherichia coli and Saccharomyces cerevisiae expressing
enzymes required for production of precursors (such as methylmalonyl CoA)
needed for synthesis of polyketides

IN Santi, Daniel; Peck, Larry; Dayem, Linda; Kealey, James
PA Kosan Biosciences, Inc., USA

SO PCT Int. Appl., 97 pp.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001031035	A2	20010503	WO 2000-US29775	20001027
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WO 2001031035	A3	20011122		
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EP 1224300	A2	20020724	EP 2000-972384	20001027
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JP 2003512073	T2	20030402	JP 2001-533170	20001027
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US 2002142401	A1	20021003	US 2001-942407	20010829
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PRAI US 1999-161703P	P	19991027		
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US 1999-161414P	P	19991025		
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US 2000-206082P	P	20000518		
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US 2000-699136	A3	20001027		
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WO 2000-US29775	W	20001027		
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L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:751564 CAPLUS
 TI Sequencing and functional annotation of the *Bacillus subtilis* genes in the
 200 kb *rrnB*-*dnaB* region
 AU Lapidus, Alla; Galleron, Nathalie; Sorokin, Alexei; Ehrlich, S. Dusko
 SO Microbiology (Reading, United Kingdom) (1997), 143(11), 3431-3441

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:596261 CAPLUS
 TI Biotin synthase from *Arabidopsis thaliana*. cDNA
 isolation and characterization of gene expression
 AU Patton, David A.; Johnson, Marie; Ward, Eric R.
 SO Plant Physiology (1996), 112(1), 371-378

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:224383 CAPLUS
 TI Biotin synthesis in higher plants: Isolation of a cDNA encoding
Arabidopsis thaliana *bioB*-gene product equivalent by functional
 complementation of a biotin auxotroph mutant *bioB105* of *Escherichia coli*
K12
 AU Baldet, Pierre; Ruffet, Marie-Line
 SO Comptes Rendus de l'Academie des Sciences, Serie III: Sciences de la Vie
 (1996), 319(2), 99-106

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 1994:155454 CAPLUS
 TI The gene for biotin synthase from *Saccharomyces*
cerevisiae: cloning, sequencing, and complementation of *Escherichia coli*
 strains lacking biotin synthase
 AU Zhang, Shuguang; Sanyal, Indrajit; Bulboaca, Gabriella H.; Rich,
 Alexander; Flint, Dennis H.
 SO Archives of Biochemistry and Biophysics (1994), 309(1), 29-35

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 1993:513125 CAPLUS
 TI Bioconversion of dethiobiotin to biotin by a cell-free system of a *bioYB*
 transformant of *Bacillus sphaericus*
 AU Fujisawa, Ayumi; Abe, Takaharu; Ohsawa, Ikuro; Kamogawa, Kouichi; Izumi,
 Yoshikazu
 SO FEMS Microbiology Letters (1993), 110(1), 1-4